

WHAT IS CLAIMED IS:

1. In a cellular phone having a central processing unit (CPU), a method for saving power of said cellular phone comprising the steps of:

5 (a) displaying a plurality of predetermined icons on a display of said cellular phone in an unused mode;

(b) determining whether a receiver circuit of said cellular phone is disconnected from a telephone network;

10 (c) if result in step (b) is positive sending a sleep signal to a control chip of said cellular phone for causing said cellular phone to enter into a power saving mode and looping back to step (b) else jumping to step (d); and

(d) sending a wakeup signal to said control chip of said cellular phone for causing said cellular phone to loop back to step (a).

2. In a cellular phone having a central processing unit (CPU), a method for saving power of said cellular phone comprising the steps of:

15 (a) displaying a plurality of predetermined icons on a display of said cellular phone in an unused mode;

(b) determining whether a receiver circuit of said cellular phone is disconnected from a telephone network;

20 (c) if result in step (b) is positive sending a sleep signal to a control chip of said cellular phone for causing said cellular phone to enter into a power saving mode and looping back to step (b) else jumping to step (d);

(d) determining whether one of a plurality of keys of said cellular phone is pressed; and

25 (e) if result in step (d) is positive sending a wakeup signal to said control chip of said cellular phone for causing said cellular phone to loop back to step (a).

3. The method of claim 1 or 2, wherein said cellular phone enters said power

saving mode by blanking said display.

4. The method of claim 3, wherein said cellular phone enters said power saving mode by showing a background color on said display.

5. The method of claim 4, wherein said cellular phone enters said power saving mode by deactivating a memory of said cellular phone.